

This is a combined synopsis/solicitation for commercial items prepared in accordance with the format in Subpart 12.6, as supplemented with additional information included in this notice. This announcement constitutes the only solicitation; proposals are being requested and a written solicitation will not be issued. (ii) This Combined Synopsis/Solicitation is issued as a request for quotation (RFQ) W912CZ-06-T-0007. (iii) This Combined Synopsis/Solicitation and the provisions and clauses incorporated are those in effect through Federal Acquisition Circular (FAC) 2001-15. (iv) This acquisition is a Small Business Set-aside, Size standards – 500 Employees. The applicable NAICS is 423690. (v) The items requested are as follows:

Item Number 1 – 1 ea, Control Panel – Must meet the specifications below.

Item Number 2 – 2 ea, Transponders – Must meet the specifications below.

Item Number 3 – All manuals pertaining to the above.

- I• Communication must be via leased line AND via 800MHz radio for backup
- Proposal must include 1 Control Panel and 2 Transponders
- Must serve as a backup CAD to the Primary CAD system
- Must be able to switch between Day and Night modes
- Each transponder must have the following:
  - 4 DPDT relays capable of switching 240 VAC at up to 10 amps to control electrical equipment, i.e., house lights, exhaust blowers, bay doors, turning off ovens, etc.
  - Must be able to make announcements over the PA at night and must be offline during the day.

#### **Control Panel specifications:**

Indicators	One red and one green LED indicator for each switch. Switch indicators display vehicle and station status.
Printer/CAD Port	Serial (Rs-232) port allows interfacing to a CAD system (9600 baud) or a logging printer
Configuration	Button functionality and number of stations – factory programmable to customer specifications Address set by DIP switches (field) Other functions set by jumpers (field)
Data Signaling	Shall include automatic acknowledgement of each transmission and automatic retries after time-out
Receiver Interface	10K or 600 Ohm balanced, DC blocking audio, -40dBm sensitivity, COR input or internal VOX detection
Transmitter Interface	600 Ohm balanced audio output at -45 to – dBm
Power Requirements	12 to 14 VDC, 3.5 A maximum current requirements, .75 A typical, 120 VAC power supply optional

#### **Communications Circuit Specifications:**

Communications Media	VHF/UHF/800 MHz/ 900 MHz radios
	Leased telephone lines

#### **Transponder specifications:**

Controls	Eight push-buttons; two for each vehicle to change and acknowledge vehicle status
Indicators	Light emitting diodes to indicate “transmit” and “PA” activity
External Inputs	Four opto-isolated inputs for status monitoring. Inputs may be

	configured to detect contact closure or voltage level
Control Relays	Four undedicated, independently controlled DPDT relays
Data Signaling	Shall include automatic acknowledgment of each transmission and automatic retries after time-out
Receiver Interface	10K ohm or 600 ohm balanced, DC blocking audio input, -40 dBm sensitivity, COR input or internal VOX detection
Transmitter Interface	600 ohm balanced audio output at -45 to 0 dBm. DPDT audio switching relay, DPDT PT relay
Power requirements	120 VAC (+/- 10%), 50/60Hz power supply included. Unit may also be powered by external 12 to 15 VDC (unregulated) power supply, 1.5A maximum current
Handset/Hookswitch	Supports half-duplex use of communications channel for "talk-back" from station to dispatch center. Support local PA announcements

The provision at 52.212-1, Instructions to Offerors, Commercial, applies to this acquisition, along with the following addenda. (ix) Offers will be evaluated using the following evaluation factors, technically acceptable, price and delivery time. The contract will be awarded to the offeror that provides the best value to the government. (x) All offers must include a completed copy of the provision at 52.212-3, Offeror Representations and Certifications, Commercial Items (Alt I) (xi) The clause at 52.212-4, Contract terms and Conditions Commercial Items applies to this acquisition along with the following addenda: 52.219-1, Small Business Program Representations (Apr 2002). All offers must include a completed copy of this provision. 252.204-7004. Required Central Contractor Registration (Nov 2001), 252.212-7001, Contract Terms and Conditions. Required to Implement Statutes or Executive Orders Applicable to Defense Acquisitions of Commercial Items (May 2002), the following additional clause(s) cited in this clause are also applicable: 252.225-7001, Buy American Act and Balance of Payments Program (Mar 1998) (41 U.S.C. 10a-10d, E.O. 10582). 252.225-7002 Qualifying Country sources as Subcontractors (Dec 1991) (xii) The clause at 52.212-5, Contract Terms and Conditions Required to Implement Statutes or Executive Orders, Commercial Items applies to this acquisition. The following additional clauses cited in this clause are also applicable: 52.222-21, Prohibition of segregated Facilities (Feb 1999) 52.222-26, Equal Opportunity (E.O. 11246) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other eligible Veterans (38 U.S.C. 4212) 52.222-36, Affirmative Action for workers with Disabilities (29 U.S.C. 793) 52.222-37, Employment Reports on Special Disabled Veterans, Veterans of the Vietnam Era, and other Eligible Veterans (38 U.S.C. 4212) 52.222-19, Child Labor-Cooperation with Authorities and Remedies (E.O. 13126). 52.225-13, Restriction on Certain Foreign Purchases (E.O. 12722, 12724, 13059, 13067, 13121, and 13129). 52.232-33, Payment by Electronic Funds Transfer-Central Contractor Registration (31 U.S.C. 3332). 52.225-3 Buy American Act-north Free Trade Agreement Supplies, 252.247-7023, Transportation by Sea and Air (xiii) the full text of clauses and provisions can be accessed at the following web address: <http://arnet.army.mil/FAR>. All offers are due no later than 12:00 PM, Alaska Time, 03 Jan 06. (xvii) For further information contact Tony Maes via facsimile (907) 353-7302, or email: [tony.maes@wainwright.army.mil](mailto:tony.maes@wainwright.army.mil).